# Aviation Vews MIGRAW-HILL PUBLISHING COMPANY INC. AUGUST 23, 1942 90 CENTS 90 CENTS



Additional Air Service for Washington started when TWA and United Air Lines planes landed at Washington National Airport. Mrs. Jimmy Doultite christened Uniteds "City of Washington, D. C.," with the assistance of Steward Loretta Nazar, who sold \$40,000 in War Bonds on the first trip, and Capt. E. Hamilton Lee, veteran pilot for 25 years.

Federal Officials Pledge Airliners: Post Office representatives say Army will return more transports to carriers.

TWA and United Enter Washington: Ceremonies mark inauguration of regular service from Dayton, Chicago and the West.

Truman Report Cuts Engine Output: Hesitancy of inspectors cited as one reason for shortage of high-horsepower plants.

Renegotiation Changes Drafted: House subcommittee to consider retention of reserves for post-war conversion. Adequacy of WMC Order Questioned: Industry men see deferment move as right step but unlikely to solve manpower shortage.

Tokyo May Sec Our Super-Bombers: News' military commentator says new giants meet all requirements for smashing Japan.

Plane Production Up in Early August: Important gains over corresponding period of July are reported for first half of month.

WPB Studies Pacific Coast Manpower: Three Washington groups touring western aircraft and other war plants.



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and mineryembility - greatly increased

both loads or ender crusing rings!

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had perfected the TAC Process—a onemonance goalste a country.

This Accessive "Bard of the Section
Head of the Section of the Section
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Coming—in Aero Mobilgas Flying Horsepotuer! New Super Power for U.S. Planes



the third of a series of open letters on its front page demanding an all-sir stuff with a chief at its band rating equally with the Navy and Army. AVIATION NEWS - Assent 28, 2943

THE AVIATION NEWS

# Washington Observer

The creent speech by Assistant Providence Assems F. Streen period by a visionate of visionary and december and operations of visionary and december and operation of the vision and the content of the value of the public or official positions, solded only to weating. At a substant of the content of the bear, should prove the content of the bear, should be obtained the way of the content of the bear, should be only the content of the state of the vision and the content of the state of the vision and the content of the content of the state of the vision and the content of the vision and the vision of the vision of the vision of the vision of the vision for the vision of the vision for the vision of the vision of the vision of visi

of the war task sheed, is the Administrations of official denoising to counter over-optimen and over-occidence. This is understandable, in part, and administration of the optimistration of the tasks it is should optimistration for the first sheet in the optimistration of the optimistra

Among the Interesting Stems in Eyrme's speech was his sistenced that if Halp's howheld completely set of the war and her stems succeeders, the enemy will talk have more control these more than the stems of the ste

And speaking of air power, so who se't these

cere raper for an independent ob-up. As was noted in that space there weeks ago, we can clear to a superable are force thin we have ever been. Only the fined green light reessain.

When this action will be token and the details of the plan are providing Whisharpton with as

The first one was andressed to the President,

of its hest current guesting confeits. Most pursus are near that ordining will be done before Congress returns the middle of September. This guesting content started last spring. Have you made your guess yet?

In the modes of undersements for on inde-

In the most of emperatures any on many pendent int set-up frees values members of Congress, came an entirely different poposal involving the air sers frees Adin H E Yarnett, selved former Desirander, in Chief of the U. S.



New Prett & Whitneys belp ragine suspent. Amntic Flort. He is now back on duty in th

favors consideration of the Artin, Nievy and Art Process into a single department of two: Writing in the U.S. Maral Jestonie Proceedings, a semioficial publication, be says that "the proposed plan (tins) is obviously a radical change in the conting organizations: However, it is belowed to be for preferable to one of three apparate departments which learns in the ording at the

# HUNTER LINIVERSAL GASOLINE HEATERS

have a hundred handy uses—heating, vanishing and providing automates but water supply in trailers, bases, trucks, field service shops, hospital stations, photo laboratories, mapping stations; for portable or permanent installation as barracks, storage buildings, raths and radial stations; and proposed or stationary installation and stations; and proposed or stationary installation and or wire for followings. As 355 of or a test under



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AVIATION NEWS August 23, 2943

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Washington Observer

Information on the new Navy fighter, the thribest, has been Mighly resident and consequently it was desired as the consequent of the special properties of the consequent of the third plane. Most assesse who have seen the silver will been freen the Billion before the public will been freen the Billion before the public will been freen the Billion before the public special say detail. It is constricting to know, however, that the Rights of the public shows the every that the Rights of the public shows the sattle of the public special properties of the sattle sattle free the public special properties of the sattle sattle free public properties of the sattle sattle sattle fadigate transplace Georgeans and

is seven report on future curpo planes has been made by Grover Learner. At this writing, the report is easy for the gas of WPS Chemmas and the Charles E William and a few other loo-fluid addition. Similar directs to prix peck at the decision of the control of the complex of the conditions to the conditions that they have no transport planes and see to death or not able to movie try Rimas, the, would find that the conditions that they have no transport planes. The conditions are not conditionally that the conditions that the conditions are the conditions that the conditions are not conditionally that the conditions are conditionally conditions.

There are various indirections in Windragtine of a speed-ing proof-over thicking. Not that the planners haven't been at work, because they have. So proof-over thicking by indiancy hasn't been very peoplar in some Administration circles. Leading the way in the speed-up is the enablements being given by offsinds to cuntrects tempinates and recognitions with a view tempinates are all recognitions with a view tempinates.

The War Labor Based Entally received a part on the hard term Prameter Bioconveril, editor a new hard term for White Carlo and the part of petiting southant form the White Labor Based and the part of the part of

Best sources close to the people who keep trook of such things say that the total of airframe, regime, propellier, accessories, etc. new amounts in closur \$1,960,900,400 a mouth. This figure is even more interesting when compared with conservative colonists that the lindustry's annual handman after the war probably will drup in aloner \$50,000,000.

The special committee working on a servicinsance program for the Aeroesisthed Chamber of Commerce will report to the Chember's Board of Government as menting Austral 21. While the congestion in general networks 21. While the congestion in general networks 22. While the congestion in the control of the constraints of the control bed of the definite with the left to the accourtwe head of the induce organization after but insidence. In the congestion, at head two points

parameter for the common was investigated. To conactified. The second was investigate to a parameter of the common of the common of the There are seen collected in Washington who are convinced that the labor market integrawamen in seen areas still resulted that the washing to the common of the common of the interest plants and being himse. A result survey facility to the common of the common of the facility of the common of the common of the facility of the common of the common of the facility of the common of the common of the facility of the common of the facility of the common of the facility of facility of

Here's use of the reasons the suprim consumption is high is Waldington. Workers in West Coast surveil glazza, with wages freem, have been leaving alternal for higher pay in other way featones. Warkers in other way featones in the Bast have been leaving for the higher pay in auternal plants. The result is shingpower selectage sensewhere or anothers, no matter haw you look at it.

Two reports of special industrial to obtained there are in the Office of Bur Industrials wild, but pricially will not be released for summers, which were considered for some overs. One data with our consist simplements of the consist of the consistency of the c

AVIATION NEWS . Assest 25, 1961



#### Aircraft Industry Officials Doubt WMC Order Will Solve Problem

Deaft boards are urged but not required to follow Washington recommendations: national service act seen likely as last resort. By SCOTT HERSHIP

Arten of the Wor Moreower. Congress to Washington in mod-

ers in war production is another sleph Correspond Service Possible-19 terrors whether it will then a New h New Plan Value torough should be

noted that the newly amsunced

Deferment Princity - The plan cuprises with a No 1 draft deferment property, makes addrigons to and occupations, catalifetes new him workers from job to job and untional classification pokey,

Non-Congeleury Directives - I should yet be overlooked that the death of fathers in preparent—on of this writing and the program is earnigen Doc 31. Management teld the draft boards say marths ago that there men were replaceable are now more valuable than they an administrative fraction. The only plan, is se appeal

whether workers who go into ancraft and other war plants within Congress will permit the drafting h Benjacement Maddle-One of the eligibles otherwise. Franch Men Doubted-Still angram will produce the number of



LOVETT TOURS BELL PLANT Prendent Lourence D. Bell, of Bell Asscraft Corp., shown describes the

assembly of the Arms/s P-30 Acceptus, or its sugrected person, to Hobert A Lovett, Assistant Secretary of War for Air, during the latter's wint in mrd-August. Shown at left to Reu Whitness, Bell tree-president and AVIATION NEWS . August 23 1943



 McGrow, Hill's aeronautical nublishing structures covers all the specialized interests of the industry-to meet the swiftly increasing needs of the war-to supply the base of information upon which our aviation future will be built . . . and maintained. minustes its information service to the men who

AVIATION NEWS - A burb-speed weekly magazine these key industry executives who must keep page with the news and its organicance. Timply, Author-

AIR TRANSPORT - A monthly magazine to serve the highly specialised needs of the sir carrier, to me

for passengers, freight, mail and express, First

MeGRAW-HILL PUBLISHING COMPANY, INC.



The Arms Air Forces' Motoriel Command at Wright Field reports that position to the enemy, are under study by engreen at Deploy. A lest

believe it will The program prob- eight hours to break all established present jobs to a greater extent than not been donided, but more TWA him

AAF STUDYING VAPOR TRAILS:

Hughes to Seek New Speed Record

at the controls when the fight is ship will by Transcontinental and Western Air's colors and Murbes may have Jock Free, TWA's press-▶ 5-Mour Geal--Officials are hoping

Canatellaman's development. Reto be reade under TWA's auspices.

Corsair Output Up Chance Voxely records payy

Rex B. Beisel, seneral manager of of United Ameralt Corp., has no- in appropriate the production said nearest production of Vegeth F4U- the bulk was the precion type.

factions for firth testran. There

#### Ask That Taxes Save Incentive Plan

Backet by the War Production yeard taxes which would nullify ex-Tax Studies-Army and Navy oftax studen looking toward the tame on additional \$12,000 non non 1 There are numerous members of Margenthau - Secretary Monrote tiles are paying busines for inproduce more

#### Big Carburetor Gain Bracky production for July exceeds ontire 1949 currur.

total manufactured in all 1948. Injection Type-Malcoim P. Fer-

AVIATION NEWS . Apput 23, 1943

#### Goodvear to Remain in Aviation Field Provident Linchfield reports aircraft

employes exceed rubber workers. Paul W Linchfeld president of Gentleer Tire and Rubber Co. hos craft neadacture than on rabber Bubber Crius Ends - Latchfeld thence to England He and the rub-

Margraft and Parts - He pointed field, the correspond makes correlate number of parts and subsecribing

#### Special Manpower Meetings Slated William homes \$00,000 aircraft

In a direct attack on the mon power problem, a series of meetings will be held in Washington within New WTS Contracts tes days or two weeks with the ob-test of setting up a program which Due About Oct. 1 the West Coast by WPD executive vice-charmen. Charles E. Wilson Production Board. In Wilson's perty were T. P. Wright, head of the Procurement, Brig. Gen. Ben W

every step possible to assure the try in meeting other obstacles to Necessary Steps-Descate usual

sue and Wilson emphasized that the sels and exploding locomotives

The problem unvolves not only Installation of the 20-rars, carnon proved, they said, that has gues

personnel Walson indicated that the complete conservition of Scient-Winter Test Station

#### Set Post-War Session Asso Chamber committee to meet All phases of the many-sided

question concerning the average manufacturing industry's place in in Coloredo Springs, Colo., in late The committee is planuing a three-

Details of the program are now

Transper ashool operators offering Flakes Longer-Induction takes director of WTS world the opentheir contracts on or shortly after

# arreraft manufacturers are expedied



Mustang Gets Cannon

AVIATION NEWS . August 23, 1943



Stratecphers Wind Maker: These tactive encreases

#### Fairchild Shipments Far Ahead of 1942 Deliveries in few balf proble these is like period last year.

James S. Ogsbury, president of that shipments in the first half of was reported at \$175,364 equal to ) Working Capital-olt also was disand greatly increased volume of F V Lange-Consolidated Value slav through a \$500,000,000 V from by

date various indebtednesses in- 010 recorded for 1943

# Grumman Record

with peak due next winter. extrade \$1,000,000 a day. Massaur. trage to expand its output toward a tries. He said the errossous impres-Dutput Doubled Over '45-While 993, more than double the \$143,990,-

#### General Aircraft Continues Gliders Company persident replies to

export of sale to Grand Repods H. J. Maynard, president of then-

of the same type (Wace) that recontinue to build two control airstatement to despet a report current

Skuferer The non-endstive use of AVIATION NEWS - Aroust 21 1945

landing street suitable only for our right was reserved to resume extract

#### Bell Aircraft Plant Chosen for WPB Test Survey on labor toronner to be

conducted by Vice-Chairman The Bell Arroraft plant at Buffalo

by WPB on labor turnover from an To Get True Stery-The survey will be under the direction of WPB The survey was decided upon as the contract. The plane soil he entirely point of view, reight be able to set allon which would prove of aid in

### New Airport Work

of the survey.

at Ft. Worth. Tex. calls for expendittre of \$600,000 at Meacharn Park

#### Few Changes in Zero reports on entity's planes.

Col Laurence C. Sherman, Assets lard F. Harmon, Commandary Genered of AAF in the South Position ment around the relat, and has been > Jap Limitations-Jap burders are

Deterioration - However, Cal

by all armen returning from the of Vancounty, has opened its fifth gressive lighter he was at the start

Canadian Helldiver from the Fort William, Catario, niont of Canadian Car and Poundry to start shortly. The Cusadian corspany is operating under a U.S. Navy

The Catelies firms boots are bugives and some matraments not me built under a U. S. Navy con-



for the Catalysa PHV avoid thing b What Borise Makes-Borier Airfacturing the PRV in its entirety. Previously the first built Black burn Shorks and parts for the Howker Murrouse and Fairey





#### AMPHIBIOUS DOUGLAS

This Donales C-47 (DC-J 1930) with emphilitions floors has been flying can other nation's plance. Recovery of the AAP Meterial Command are exploring the possibility of realong the akep a recess plane for one duty. 5 ft. Radders help guide the ship in the spater. Tests need weater many proces that ignoring on see and story are possible. In there anything a Description on the story are possible. In there anything a



AVIATION NEWS . August 23, 1942

# Wolfe Savs Post-War Decade Will See Big Air Traffic Gains

Plane passengers will equal 60 percent of the total first class rail riders, WAL vice-president tells SAE.

Thomas Welfe, very proposent of a Birrer Lands... He challenged the h To Procince General Trafficulty a smooth rendering that talay's

and 1,000 turner for our carron > Small Town Profitchlessile exnessed the helpf that a considerways optime \$193,000 per mile to build and \$900 a mile for uplones. ness Welfe forecasts Post-war Consurance-Walfe spake Friday at the West Coast regional

his paper on Post War Commercial ) Pre-War Traffic-lie precisted that of the non-Boar! Harbor within-

bellion during the post-war les-Finite Can Below-But he strict with our transport officials who deemetal and should relax the fears of

recovery to true a "51 percent winter in sir corpo door-to-door b Waite Predicts-Other points and

Radical changes in the forms of are truffic by 1955 will see increases b Unitern Treffic-Antomortion of a merce subject to our ability to burferences, air rights, and military In reward to mae of post-war nar liners, 1,806 airplanes of between 2

#### PCA President tree Engineers in Sen Francisco, For Asks Route Planning Moore una post-war services

should be perliped now. PCA's president, C. Bedell Monro > Centrolled Expension--in an ad-Commerce of Washington, the head of Pennsylvania-Central Airlines sign" will be needed "with new

roules and new types of services

into effect as our soldiers are de-

# TELLING THE WORLD

program with the there of "5kyway to Skelly on Winus by Grand Barids Craftenen." Copy is decraft undustry by making clider wings, soombling for listen and A 16-page, three-color booklet en-Colonial Breach Co. Detroit, conparts. The publication was put out to dispense with some of their house organs as a result of the recent paper curte/ment. Frequency of

of the Woods," is concentrating in Cont. & Prostery, Inc., has been

Unkelsin is the war effort made by he relations and advertising director in 1922, and has also been modifile

New United Record tered all records," that conserverparts Estimate for the month was 33.635.300, an 5 percent year easy

AVIATION NEWS . August 23, 1963

THE AIR WAR

spring of 1945. As an Army co-

fighter it took its place among the

had the advantage of operating

North Africa, and in this respect it

cold, steaming remote and dusty

Frances, Benylest Armed - The

Army Air Farres have taken delive-

#### Tokyo May See Our Super-Bombers; New U. S. Fighters Ready Soon

Liebtodor's compar being deabled, new Mostow a terrific climber, improved Airacohra ready. Thomderholt at 35,000-fr. is world's fastest. Descript P-70 night fighter in production. AMERICA'S COMPAT PLANTS have > Mandang—The America—Their an-A had sufficient setting in all Com- over was the quickly decision and

P40 were the only two supplanes we had rendy to throw into combat, box score of eremy planes shot down against its own losses is not but it is one of the best obsertive list Within a few months most of the others had come into netion cally in fire-power, came through thick and fast, and a fair balance was struck so between quantity ity eltimately. The armed services and the sircedt Industry worked

were weeked in with a minimum Fortress and Liberator Advance--Recent indications are that as farpoen wing of our global war can be-Jaken rupe of with the wastly in Liberator heavy bombers now in oction, based in the United Kingdom and the Mediterranan area greatly recreased bomb load and neinge may or may not come into that pricture, but they are what the

Duck Herre in the fichier class a

version of the Rolls-Rayge Mertin, proved the high altitude perform-

ampo of the Spinfre IX. The results narticularly in a deature which bitherts had found the United Nations a but behind in the parade. At the mans in their Me-1897 and 109G and Ficke, Walf 191, and the Jane with an extraordinary rate of statuclimb. the ability to chesh foot alh Paragood by Parkard's "Merile"charged Merlin engine of 1,360 h.p. criffing. It is a plane to watch

Mirrorito-New Version - There



World's Postest at High Ablitudes Republish represent Thursdeshold scorld's fastest plane at 35,000 ft. Stall further improvements are being made and production is at a new peak

pergharmed Allison Recently Genairplane The improved Allien enone with two-stars some feet

• World's Champion-The Lockheed Lightning was a bound new departo be a world's charaction. Proved erveral months before as an outstandard photographic ship at some cessful as a harb sitrude fichter. have doubled production as be- | Of Things to Come-Attacks on

h World's Festent at Extreme Altiderively P.-47. Designed in May 1941

Night Fighters - The P-70 is a very similar to the British version

in the aerial banking ring constrict-



stedt in southern Austria, only 27 man our losses, he added, have been of the Laftwarte appears to have suffered "a complete loss of fightuag Other significant moves were the Forces, both those upder his tection Aythur's heavy bombers against Nip. Fortresses operating in the Strateoli refineries si Palikapan in Borneo gle Force, under command of Mayand the second borating of Parama-Gen James H Doolittle home-land. Both the Berney and h Sky Knockent Over Skills-France

Box Score dental losses, since the AAF took ever the American Volunteer group in Chine on July by May Gen Cluste L. Ches-312 enemy planes last in the the everynd, 166 enemy planer AIRCRAFT PRODUCTION

#### Government Seeks to Calm Contract Termination Fears

Official pronouncements indicate desire to cooperate with war contractors to prevent losses.

remarks as any production of an

The mean-raded peoblem of war the rescondence Officials carrieded contract termination is being closely named interpreting Gen. Corbor's light of recent invergement pro- early end of the way Nother they neurorements which radicate a de-

Promoted Regulations—Paged dis-National Asserts War Production Council Both groups are familiar conditions dealing with contract terminations which has been circuthe War Production Board Although an Aug. 15 deadline had

tions direct. The proposed regulations have no official approval, but Frompt Beimburgement-The War Demortment, through Mrs Gen C

has outlined a policy eatland for losses mearred through maken con-

moved by the Wor Department a

h War Boot Contracts-White Gen

capos listing of war entends in other areas where the manpower ntustion is seate Officials my these "tess essential" products, and should

Tunnel to Speed Engine Research

Cleveland facility may save year

wind turnel, now under countrie-

not suffer losses on pertrally com-Foot-war Thinking - Too much the "bugs" out of plane engines and A French Ton Wiles Don-Bridt to any way with ampliane or other way the rarefed air and low tempera-

in which contractors have had untermination which have caused some of up to 4,000 hp WPB agon a man to the East Court & Caseedla Bassowin connection with 25-31 times started the war, and Council meeting to receive surrous contract termination, it should be in to be completed before the year's





WPB made available a surgeary of AVIATION NEWS . August 53, 1947

"received ablest" a German Man-

spolyne 333 a glast terco comice.

ton lead, a company of fully-

eral tiers. The plane is said to have

Fremy Deterioration-in funces

quering a pail by another plane

# Aircraft Parts from America's **New Source of Aluminum**

Aberirum Sevenido mines its own bouxite, precesses the are to the final vital operation - fabricated worts for whome. Reynolds was the first to produce high grade metal from tabelowe fielded elipions ports.

the entire country before the war, converting it into hundreds of millions of counts of abusiness for absent. The Book Division in Epsignitis, expanded 40 times, has thousands of warkers and betteries of machines on 24-hour schedules production. This eliminates appea headquiles for aircraft monufacturers . . . seres mendemer, plort spece, freight feaking and keeps property in shore The foresight and courage that greated America's New

new source for finished posts. Revealds Sales Engineers are DESIGNED STREET COMPANY | PARTS DEVICES | LONGSMIT | NY AMSSICAT NEW SOURCE OF ALUMINOR MOOT . SHIFT . EXTRESIONS . WIRE . FOR EAR . FORGINGS . TODING . FOIL . POWDER















T Branching From Bindsian Streetien Line, concerns 4,000,000 for all





AVIATION NEWS . Agent 25, 1945



8 Seposts Suriar and Socia Dell Department, reciers of the AVIATION NEWS . Avent 28, 1943

with wind turnels in its laboratories a \$60 mile an heer cale in the Field, Calif., stood in good steed on prograting well recovers \$2,000 key, of h Landacied Wast Wire - Street temperature in the turnel must be kent at 67 deg below zero-the noted wood It was built at Langley

#### Industry Reports Gain in Planes For First Half of August

Shortage of highest horsepower engines appearing as latest in parade of problems planning sixframe manufacturers

(See photograph on peak 16.)

severed indistracts. Nobody bles.

Despite the managery cruls and A New Headerhooding of the main



CHILEANS INSPECT RYAN PLANT our side in Washington, Group Communitor Raul Generales Notic shart representative. Lacut R A Barback, USN, Lacut S H Zesaler, resident

nerval when time is so valuable needed at their posts Sharpest citle receiver and in part to employ creased by the publication of the F Checks and Double-Checks-En-

eum and possible indictinent there cases unnecessary. This runs down vital parts for engines and other > Tramas Chapter System - The densitie charges in inspection oreof the Truman report takes more work and more time and in the produces no better regults. The ra-

Plane Peel-The effect of the last in engine production probably will which are undelivered. The namber Maspower Mein Problem - The

he on the way. Whether the belodraft deferments War Manneser A Mandy Througaste Gate Hondrade that the plan probably will mediate

AVIATION NEWS . August 23, 1943

h Pothers vs. Workers-War Maxpower officials hopefully precedwhich fathers and which workers

#### Boeing Wins Award For Trainer Output Wichies plant tone pasion for plane deliveries per emplevee. The Wishing plant of the Boston

per employee deliverees to the armed

coaft industry, name May as an h Korofet Trainer-Mary Arrey and trainer, according to Shaeler. The pooch Kerelet was delivered in

The Boeing factory at Scattle. 3 WPB Groups Studying

#### Pacific Coast Manpower Problem Wilson and Aircraft Production Board leads delegation, with

Lombard and Biemiller on other peoiects.

Three separate studies by severn. West Court Average War Producties Council designed to alleviate the povere manoger abertain on Chartes E Wilson and members From Better Thom These-Wilson a Paritie Coast true. Writers discussed



amountly like the fruiest in the sports. Elemen whosey (RY-15) measure

acceptive and is said in Washington to have told Treasury officials that then in "holding-the-bro" against uffeton. He believes that workers could earn up to 30 perpent more by mercanne production to that

APB Members on Tour-Accomserving Wilson on his trip were T. P. Wright, director of ARCO. Rear Adrs. E. M. Pace, Jr., Nave. 4 Gen William S Krudsen, Was

Secretary of Way Rebert Potterson

plants where labor is so scores that up due to tack of intercated parts from abarranum Dr Lossbord is working with the strengt warmfacturery to release some of their Joseph D Keepar, WFB vire-char-

seeking a splution to the problem

from community facilities difficul-

the crowded Lox Angeles region an old zien-the use of engine heat h Aircraft Access Changes Many reseaster Order L. 282, which allows

New Plane De-Icer

\* Grotier Reveals - Turn Girdler, unstalled months are in the PRV-5

bomber, and the new PSY-1, new Theory of the system was ad-

number. Work in its development

eral weeks in Los Anseles, planned to facilitate transportation, hous-Rothumetic efficials of Cornellis unr. child care, shopping, enter- dated Value Assent Corp. have Sewer NA ARE-DENNE ACT COMMON TO OUTS AND, LEARNE STOR EVEY-ARROWS MOUNTS GENERAL PURP OF STANSONED BOX WING ANTI-CER ASSAULATION

HEAT ANTI-ICER SYSTEMS

AVIATION NEWS . Assess 23, 1663

#### TRANSPORT

#### U.S. Agencies Pledge Airlines About 24 More Planes This Year Chances bright for additional positiment next year, Washington

officials rell transport proposentatives.

By MERLIN MICKEL

The Post Office Department dis- was 165. The scrippes have been Although the Post Office withheld

Aeronauties Board and Army had addition to the earth plrendy re-

doubt that those were the obers as of last week. On the other aide of the neture, ruppers were current available transports, including farmer airlines planes, to carry men. and material. The blooklood that anythme beyond unexpected war

will receive back during 1844 as poses. In some Army quarters there

AVIATION NEWS . August 25, 2943

heeds Operating at heavily-increased war temps, they are utility-Irreducible Minimum-Alberta

officially still under wrom, a mempary of War by the President on May had taken about half the Nation's commercial transport planes for war figure was much to include 150 DCB's. 10 Lockhood Lockstorn, and five oth-For a while it appeared unlakely

Up 132% in Year turned back after the date of the Civil Aeronasties Board reports

Airlines' Revenue a year carker (Catd on next page)

able New, however, the airlines

are indice it increasantly difficult

F Turn-Downs & Pull-Offs-While

press and mail rull-offs, the Post

Office Department has been es-

despite increases in permitted load.

the register of planes to be returned

may be sufficient to hardle expedi-

tion of planes to the commercial



the bises were thring about 235 21-passenger Daugks DC-3 of today, the 16-passenger Bosing was once planes. In April, 1943, the funce

for the year ending May 31, 1942. was \$13,377,300. The increase occurred derpits the fact the nighter sycetyed \$694,400 lens reall revenue Express and Freight—Rangess and fur the year ending May 21, 1942, to \$8.357.600 for the next twelve months, a boost of 109 percent. b Revenue Miles-Revenue miles fours dropped to \$4,940,200, however, for the year entire last May, from 126,190,400 for the twelve months procedure Passenger rev. exac was off from \$17,547,800 for Havenian Arthres, Inc., reached a

the year ending May, 1942, to \$76.-

115.326, a drop of only 16 percent

TWA and United

Start Capital Lines

despite the 38.4 percent decrease in

Cheispening ceremony and oath

brenkfust mark insugaration of

planes landed at Washington Na-

linking of the capital with two more

plane sat down at 5'37 am, when

later at \$192 non Houseo's first

ship arrived Despite the early hour, TWA columnied with a sunrise

banal Auport to inougurate the

The year to May 31, 1943, showed

and freezh incresse, total operating \$166,079,690 to \$110,825,695 Ownating expenses, on the other hand, dropped 15.7 percent, from \$94,70%. Form-Country Lines-Both TWA CAR's report showed that the ratio of revenues to expenses for the of the capital daily, United reachyear ending last May 31 was 136.9 ing its cross-country line at Teledo and TWA at Dayton May 21, 1942, It was 114.1 percent The report also showed that not operation revenue in Mair for the Slacken at CAB 15 demostic carriers, including All

roles foun in the later period

Fapeness Down-With the express

tatal of \$2,786,500, an increase of

21 percent over the \$2,391,860 in

Spect. John Groves, sirport mana-

and press representatives and com-

Duragaral Plane-A larger colo-

when about 1,000 were present to

watch Mrs Jimmy Dockstle, water

of the AAF's ferred major general, chrusten United's reasspared plane "City of Washington, D. C." Site

Bosed, which approved the earner-

Air-Travel Producer - Positing

than any other managedity except

pagy officials were greats

New Route Requests

adventuges of transcentmental siz-

Docker section renorts dalloss

Dog days apparently struck route a policinita last week, and the lightest there was hopeful that "maybe all Ambition-Most embitions in the group was that by Permulyaniawith New York and Boston, and thence to a group of cities in the

This and other applications were > Pennsylvania - Central Airlines Corp., Washington National Airport, Scheduled air transportation, perington and Baltimore (already on schedule) to New York via Wil-

margton, Philadelphia, Treman,

ten; the other through New Britain, Nackville, Memphu, Dallaz, Fort Warth, El Pino and Phoeses, for Arthur J. Heiser, Floral Park, by heticopter between New York Oty and Martinik Pont, L. I. via h A netition was received from the tun Florals energy entire of Sarragta

Bridgeport, New Haven, New Lon-

marl and express only. More flows. ble operation of the lase's eccurment, it was explained, will result in a higher percentage of capacity loads on both passenger and cargo PAA Owns Mexican Line, Examiner Says ton and make a similar change in

Angeles with close at Washington,

His report also recommended that

A.W. Douglas to ATA

Leaves Electrica to take carry

Allen W Douglas, watchy known

Air Transport Association Sept. 1 as

approved by ATA members and Col Eticar S Garrell, ATA stress-

> Teams With Groves-As socretary

corrections. Deputing will work

Agromatics Board find that Pan American Airways has acquired control of Airways do Minima on a New York-Reston roote S A, has been made to the bosre. b Benen Rus Lines, Inc., Adv. Oldo. erty by behooster, elider or other intermediate points, totalizer 1,429 recies: Teles. Olds. to Roswell N. M. Oklahoma City, Okla, to Little

Rock, Ark : Oklahoma Crity to Hot New KIM Service

b Booked Un. Planes will fly alternately over two routes, one by

war. Traffic officials approvaged all booked selidly through September American Begins All-Cargo Trips Transcorperent round prin daily

Schoduled transcontinental all

AVIATION NEWS . Assut 28, 1943

yours ATA Sign. I as operations convert sents into cores anno. Shipment of mail is expected to be facilimemaer of Washington National tated, making mare more and weight F Canadity Lends-American anHUNTER HEATER ADAPTABLE FOR LAND AND AIR SERVICE UNITS High or Low Test Gasoline

Burner Solves Problems in Heating Field Equipment STRIPES "SCALED IN STEEL" FLAME CLEVILAND, OHIO -The problem of olivously using a system of another to one ample devector for become, has been also by a proper of Gerdani engagement.



naven' board of directors and its

or a recent, again-

oline Benner. The







# When the Stripes are in the Attic . . . A NEW BATTLE WILL BEGIN

Sound Democracy is Based on Public Understanding The purpose of this subservicement—and of the

to New York, Change, and Warrington—at to build a henor understanding of the importance of Industrial Printers. Amores was but on industrial propers

Fortunach, we have all the facilities with which to accomplish this educations job.

It is not have that this McGroscHill Core executed implies the part that a sound in-charry our older in sourcest dood front. Free newspaper mass of this and toker active timeworks of the Compacts are available to

McCrew-Hell Fublishing Congress, Sco

have 10,000,000 unemployed, with their wonderful training count to waste. Instead we will have a country humming with the released energy of its

FREE MAYS. If you would like up prilled, this message and your own more some store, or discribede it at lands located from write or wire. Essential Doys., McCham-Mill Fatishing Clo., Los., 300 West Clot for, New York (Ht. N.Y.)

WE were thinking about a soldier named Tim the other day . . . but not in a sticky, senti-

We were just thinking about the office how who'll come home a trained technician. You see, we'll own Tim a job when he stets back. But how the heek are we going to fit a monwho has kept a Phring Fortress in Arbting trim back into the misuscule responsibilities of scaling

Obviously, we've not to finare not a wider scope for a Tim who has learned a great deal, not only short markings, but about people. And how about the rirl who has Tire's old joh? She is doing all right. Maybe she will get

married and suit work when the war is over . . . See bow our thoughts were running? Two jobs to provide where only one inh existed ► If you run a husiness, or a department, you know the next sten in our thinking by beart.

Multiply Tim by the number of employees that are in the arrefers, or in stavernment who, and old the new people that now have their old jobs, and you will see that this nation from the decatest concetuaity in the history of the world. If we five up to that appartualty, we will not

whole recole AVIATION NEWS . Argust 28, 1943 When the Stribes are in the Attic . . . A NEW BATTLE WILL BEGIN

What are we going to do about providing 10.000.000 acw jobs when the spiforms are in

That will be the peacetime battle, and thousands of civilians are now planning its strategy Fortunately, there is a better way to use the

energy and skill of our fulbrers and war workers then putting them on ambition-killing government inha in some somer W. P. A. American Industry is the hest outlet for per-

If you doubt that, remember that our modern industry is little more than 50 years old. In that short time it has provided more deed Exist for more people than all the emptyries and milleolums that went before. American Industry out dire standials to every

skilled and energetic person who wants to work. How? By extending the process that produced an much stood Evine for so many in the years cone by. ► If that is true, then everybody should under-

industry can be encourated. The purpose of industry is to det more work

When renderts are constantly improved (either people buy them. That makes jobs. When there is no industrial improvement, you

Chico, or India. When there is allow industrial improvement. you have a comptry like, any one of the Bellem

When there is capid industrial improvement. you have a country like over with the highest living standards in the world.

We haven't always understood this, and so we have but periods when there was little new ranagan from Larger quantities, \$1.00 per 100; \$19.00 per 1990.)

chinery and improvement in plant. That helps But, remember that the places which made

electric refrigerators, radios, air conditioning and streamlisted trains supplied road lobs during the last depression, because those were autrered prodnets which people hought in seite of hard times.

We don't need to worry shout oresting 10 million new jobs, if we give our nation of Eli-Whitness a charge to do their staff. Why do we say "disc them a chance"?

prove is through its Seed Money. As you know Sout Morey is that part of profe which is "ploughed back" into a business to improved factories provinces methods and

products. As you also know, a very dreat amount of Seed Money is being taxed out of existence. the growth of industry at a time when 10 million

new jobs will be needed, do you? If you think Contress should look into this matter of provident better conditions for industrial growth, tell your Contressmen how you feel.

> "Industrial Process is the Source of all Good Living."

OF INDUSTRIAL CONDIUNICATION

In publication, which guide: "man-spay" does the "we would be seen to be a seen of the see McGRAW-HILL BOOKS Publishers of authoral, exposuring and bestiness broke for softiges solveds, and for business and adaptive use.

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AVIATION NEWS . Asset IS 1943

#### THE NEWS VIEWS-



General Assation Mfg. Corp. in Baltimore, In January, 1935, General

in Texas, another in Kansas; each

Dutch is proud of the production

now holding responsible positions

gineer. Feel Barriage was promoted J. E. Kindelbererr and wide and to high and low in Antique, and returned to MIT as a asciation as Durich. That is a ten-off west with Proft and Whitney as a

and and he was born in Wheeling. Sendon has been that engineer West Varginia in 1895. There was for Kinner Maters and for Menaura more in Whatlese a four with the Army Engineers, a sourion at Car-Heats as information and statistics of augmeeting. After nine years formation jeb which he was formed with Dougles, Datch accepted an evitation to become president of

Wright was a passeor flyer. For 25 very he was operated in the news. went to CAA to fill one of the most

Tenth Naval Dutact and commander

PERSONNEL

Three executives have been permuted



as assemptendent of fight ourselvers in March, 1945, and west oversom for Operations, Commitments Gen Berney M. Obles, who was pro-

plane to unlead

mated to chief. Camp powership was Air Command under Air Chief Mayshal für Arthur W. Tedder. Be ban Gless A. Whee has been transferred to Washington from Philadelphia to hantamal Airport Chief payeers or accept

C. Hert Miller, vice-consident of Rev. pointed divinenal manager of the



of the Carbbean Sea Ironier. No of Kentucky and the acronauted AVIATION NEWS . August 23, 1945



BACK FROM BATTLE:

at Wright Publ to Once. Bodert G. coming to Republic in 1835 on a test

tion industry 16 wars, came to Re-Rossell E. (fill and S. O. Hockler have varies of Kyper Carps, Inc. Did was

marrier of Army and Navy combat eral experimental military arroratt W. A. Smith, Owner Whitel traffic

ern A.c. Inc., at Hopolota, terrmorarily

traffic manner at San Deago Smith Lt. G. W. Williams, Lt. W. H. Barkengs, Lt. J. R. Fromeson, Lt. E. J.

tion program, & W. Cele and A. A. helped build the experimental ship,

Col. Weber A. Jesses has been up-Brig. Gen. David N. W. Grant, Art Surgeon, loss anounced. Col. Henry Cut. Ledie P. Arreld, fermenty vice-



dated before making a sorech in Los

president of PCA, is head of the

Jassely T Oals (Ict) , former field persons

is that had been associated with Thos. As the result of a recent reorgamen-









Wresht Field's test paints are greens the world's facut, but they relden are cortured. Here they are shown with their data cards talkens cover redireduct fight problems. From the left Lt W. A. Laes, Lt. R. A. Bess.

# FINANCIAL

Significance Seen in National's Switch to Non-Aviation Holdings Trend of resu's purchases to other securities expected to con-

times, at expense of air issues.

When does an averton trust come to be an averton trust? ests declined to 155 per cent from Fewer Airlines Stocks--Substantail reductions in surline percenture ter Larges sold included: 2 856 Park American, 700 Americas, 3,500 b Original Policy-The correspond TWA, 4,500 United, 500 Emilero. was arreleably constend in June, 1928. tral 3,000 Bearst and 3,000 Cho-> Secand-Quarter Reductions—It is

dictions in surbne boldings were formation and survision of a com-

Druggift Investments-Within the swindom. This is itnd another way P. Revised Policies-In any event. June 30, 1943, refrest the revised

ber 31, 1842 Commitments in su-

the complete system holdans of Aircraft Issues Directed-Material Avotice Helderts of

> Non-Aviation Shares-It may be tional Aviation. There combases were represented by 2.500 shares of

Valtee common, 20,000 Continental that National Aviation expects

this period, the trust sold 17,200

Cartise-Wright common, 5,200 Bell,

5,699 Grumman, 1,669 Consulidated-

it is remaite to obtain a remiter of assurance. On the whole divi-

F Curting-Wright-Probably on sunstar resserant, 20 500 shares of Curtus-Wright 'A' were undisturbed shares in the holdings of Consolida-Here, too, present appears to be the

PCA Will Retire 5.000 Preferred Time to call in conservible shows

tion, it is likely that National Avi-

Percentivania - Central Autlines an-5.666 shares of its oppositible proof preferred. With the exercise currently selfane arrested \$17.50 ner

market value of \$35 per uneferred Conversion Espires Ann. 22-11 called The conversion right of the the Resex Tool and Dis. Inc., Severe Frygrable Market-While PCA as tions About 4,000 shares of prefirst half of 1941 to be \$1,974,469. worked upto common, reducing by come and surfax, and excess profits

ucts are subject to renegotiation > Wide Range-The preferred has manne engines for PT books reorgeprice since it was effered publicly (The company received \$22.75) Shortly after its offering, the stock slamped to about \$17 per share. As Canadian Air Gain from 4 500 men before the war to approximately 168,000 men at the

AVIATION NEWS . August 23, 1943

Sales double in 1942 has needs during 1962, but the free's net APPROVAL as compared with \$25,117,512, or Vaughan Beports - Gov W.

Curtiss-Wright

Income Declines

helps in each \$7,560,000 In 1941, these taxes OF FLIGHT Sules in 1942 totaled \$770,994,542

Breeze Dividend Company may 40 cents, benesite Directors of Breeze Corporations Inc. have declared a dividend of

pures of its regited peacetime

Canada's air force has increased

AIRCRAFT BOWER BLANTS payable on Sept 10 to holders of record Sept 1, bruneing daystend here appropriate transfers and proper products man appropriate properties of the complete formers and properties of the complete formers of the complete formers and restricted on the complete formers on or resting and terminal terminal terminal control of the complete formers of the complete completed building extension which company's main office in Newsick N J It was said an addition to

MANUAL FOR AVIATION CARETY

to help you may the Never Army or con-mune the Armighe Carlet. Here you have a man and John' to some to fix by going over your gight instantion, managines and arms, incluse with you stay by attemtion to take all larts, glids, by all other in the high bear mana-tion, glids, by all one in the high, here mana-tions a time reals are comparing to the six.

NOW! SEND FOR THESE

NEW McGRAW-HILL

ROOKS

MANUAL

AVLATION

CADETS

THE AVIATION SECRETARY Specimen and improves imbount available dis-tant for the Grego streamsplant. Section 9 ft School of appears and Sold terms abording of many of potent and the terms shorthand lines deficies configuration feelings to reconstructed by the official and of some

Simply wait this coupse

The state of the s

Politic ......

## CAP Shows the Nation

O'come already announced and others yet to come surgoing additional dates to Civil Air unlets and except workers. The long period of an amount rate and has montained the pure over

The War Department and its sir arm, the AAF, offered faint praise from time to time but no great tury as movely another upstart civilian defense operated efficiently or displaced when the Army

Many observers, including some in CAP itself. were convinced CAP was deemed as an entity when it become an auxiliary of the Army Av-Forces a few months use. But the late Clan. Olde. former commanding general of the old Ferrying Command, had been impressed by CAP's work aged to spread the groups of CAP among his Washmotion superiors before his death and that was New CAP is lumebing a national expension to train Procured AAP synthes codate who will be it is evident that CAP can save the anyemment hundreds of thousands of dollars if it can prevent tremendous success by CAP officers

CAP's means service, which has been expanded since AAF affiliation, as making important contributions to post-war fiving. Its strashoppers of 65 hp or so are fiving 20,000 mi a day on regular costes and schedules for the Second Air Error alone in an ones from Spokene Westington to

The South Dekets were of CAP has flown upterritory which is one of the most speniely pepua mill a record mile. This with 65-lim fiving trend This meens that the cost to the government is dropping regodly. It mesos, more significantly, lightplane in surface truffic, topping every comrunity through feeder lines from coast to coast

While CAP's operation under commercial direcour from princip operation appoint rought. The 6%-lenplane carries 350 lb. A few more horses would double this to 500 lb. with little increased cost

CAP's personnel, from its hard-working national commender. Lt. Cul. Earle L. Johnson, and its onerations officer. Col. Harry Pire, down to the week, are doing a job the rotion should hear more shout. A have prepartion of CAP's staff have never received a cent for their efforts

MEN HAVE PROGRAMM their business affairs to plones. Jones M. Landis, Director of Civilian Defense, said tribute to them "Dozens of CAP able for the duration-lost or seriously demand during CAP operations." Their only recommense always fail to meet total experiors CAP is already supporting the Pirst and Second

Air Forces, currying mail, dispatches and vitally reveled parts. More such work appears abend. It lines by reget delivery of tools or parts is almost a dully occurrence CAP has notrolled the constitues more than 16-

000,000 males, in suprinceprine craft fiving 20 to 56 preservers. It spotted more than 150 subs and octually prevented a number of attacks on mercharitrasu It has petrolled the Meason berder. levees in fixed areas, proclines and other utilities bases it has searched and found lost ulanes and ground parties. It has flown blood plasma and any number of emergency commodities, including 500 lb of tearnes rushed from Pittsburgh to Detroff the other day to help quell a not

CAP with its corps of volunteers operating at a It as stratisfying that the too Army men now recorning what CAP is and what it means to the strimes, it is an indication that the Administration

is awakening to the people's demand to sive avan-Boursey H. Wone,



To fly higher than flak

on where the oir eets thin Ares rust don't

behave. And with direct current, the kind

West policies is solving these problems with

special three-phase, 600-cycle alternations.



# CURRENT ... pioneered by Westinghouse

A three-phase ore marallation in the base People conscionables barber ... lift these etens of the eletchine finers of field Stre. of are may be no perfected. This increased reserv Pursey things happen to electric equipment

leto this change-over. Westinghouse in pourser the "know how" of its early respect

If you need belt on electrical power for strevalt, consult Westpehouse Westinehouse Rivetne & Manufacturing Co., Dept. 7.N. S Pittsburgh Permauleuria

Westinghouse

Tionwring AC Equipment for Aircraft



# They help keep 'em FLYING!



PRECISION PRODUCTS

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The best investment in the world is

in this country's future BUY WAR BONDS

HERE ARE SIX young G-F. turbosupercharger specialists home again in Lynn, Massachusetts, with W. A. Reeves, of General Electric's Supercharger Engineering Divisiontheir old boss and mentor. They have just completed assignments that took them-and others like them-almost a million miles and to every fighting front. They have been teaching Allied ground crews how to service and maintain the turbosupercharger-that key aireraft accessory, developed by General Electric and the U.S. Army Air Forces, which permits our flyers to fight in high altitudes on a better-than-even basis. As a group, they may not know where they are going next, but they know where they have been-where American boys and American products, like the G-E amplidyne, d-c generator, and turbosupercharger, are fighting ecaselessly for freedom. General Electric Company, Schenectady, N. Y.

GENERAL ELECTRIC